

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/002440

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07J9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 31 47 843 A (HENKEL KGAA) 7 July 1983 (1983-07-07) in der Anmeldung genannt the whole document -----	1-11
Y	WO 00/52029 A (CHUNG DAE WON ; NOH SEUNG KWON (KR); EUGENE SCIENCE INC (KR)) 8 September 2000 (2000-09-08) the whole document -----	1-11
Y	EP 0 356 754 A (ROECAR HOLDINGS NV) 7 March 1990 (1990-03-07) the whole document -----	1-11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

g document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

12 August 2004

20/08/2004

Name and mailing address of the tSA
European Patent Office, P.B. 5818 Palestraat 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Friebel, F

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002440

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	P.G. ATRAT ET AL.: "Application of newly synthesized detergents in the side chain degradation of plant sterols by <i>Mycobacterium fortuitum</i> " J.BASIC MICROBIOL., vol. 32, no. 3, 1992, pages 147-157, XP009034917 the whole document -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/002440

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 3147843	A	07-07-1983	DE	3147843 A1	07-07-1983
WO 0052029	A	08-09-2000	KR	2000012167 A	06-03-2000
			KR	2000012170 A	06-03-2000
			AU	2946600 A	21-09-2000
			WO	0052029 A1	08-09-2000
EP 0356754	A	07-03-1990	DE	3829640 C1	26-04-1990
			AT	72982 T	15-03-1992
			AU	619586 B2	30-01-1992
			AU	4101689 A	08-03-1990
			DK	430889 A	02-03-1990
			EP	0356754 A1	07-03-1990
			FI	893776 A	02-03-1990
			GR	89100519 A ,B	31-10-1990
			JP	2180831 A	13-07-1990
			NO	893503 A	02-03-1990
			PT	91572 A ,B	30-03-1990
			US	5166194 A	24-11-1992